



Throttle valves – screw-in type



Product notes

- > Limitation of suction flow at a constant vacuum level
- > Reducing leakage at unoccupied vacuum cups maintains an adequate vacuum level for vacuum cups covered by products and thus prevents products from being dropped
- > Manual adjustment using knurled screw
- > Flexible installation using horizontal swivel air connector

Technical data

Item no.	Operating pressure [bar (psi)]	Operating temperature [°C (°F)]	Weight [g]
32.500	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	9
32.501	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	20
32.502	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	10
32.503	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	20
32.504	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	36
32.505	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	20
32.506	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	36
32.507	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	67
32.508	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	40
32.509	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	69
32.510	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	72
32.511	-1 - 8 (-14.5 - 116)	0 - 60 (32 - 140)	103

Dimensions

R	Ø D [mm]	A [mm]	B [mm]	C [mm]	E1 [mm]	E2 [mm]	H [mm]	L [mm]	Ø P1 [mm]	Ø P2 [mm]
M5	4	3.5	27 - 29.5	15	20	6.5	8	23.5 - 26	10	10
R1/8	4	8	34 - 40.5	15	21.5	10.5	10	30 - 36.5	10	14.5
M5	6	3.5	27 - 29.5	17	24	7.5	8	23.5 - 26	12.5	10
R1/8	6	8	34 - 40.5	17	23.5	10.5	10	30 - 36.5	12.5	14.5
R1/4	6	11	41 - 47.5	17	25.5	12	14	35 - 41.5	12.5	18.5
R1/8	8	8	34 - 40.5	18.5	27	11.5	10	30 - 36.5	14.5	14.5
R1/4	8	11	41 - 47.5	18.5	28.5	13	14	35 - 41.5	14.5	18.5
R3/8	8	12	46.5 - 53.5	18.5	29	15	19	40 - 47	14.5	22
R1/4	10	11	41 - 47.5	20.5	31	14.5	14	35 - 41.5	18	18
R3/8	10	12	46.5 - 53.5	20.5	31.5	16.5	19	40 - 47	18	22
R3/8	12	12	46.5 - 53.5	23.5	37	18	19	40 - 47	21.5	22
R 1/2	12	15	51.5 - 59	23.5	36.5	19.5	24	45.5 - 51	21.5	28

Dimensions

